I CLAIM:

1. A chair comprising:

a frame;

a main link having an inner end pivoted on the frame about an inner axis fixed relative to the frame and an outer end defining an outer axis parallel to the inner axis;

an outer arm having an inner end pivoted at the outer axis on the outer axis of the main link and having an outer end;

a foot rest on the outer-arm outer end;

an inner wheel fixed nonrotatably on the frame at the inner axis;

an outer wheel fixed nonrotatably on the inner end of the outer arm at the outer axis;

connecting means connected to both of the wheels for coupling same together for joint synchronous rotation; and

drive means for pivoting the main link about the inner axis and thereby pivoting the outer arm about the outer axis.

2. The chair defined in claim 1 wherein the frame is generally symmetrical to a central upright plane, the main link lying generally on the plane.

3. The chair defined in claim 2 wherein the arm is comprised of a pair of parallel arm elements offset from and symmetrically flanking the plane.

4. The chair defined in claim 3, further comprising a shaft on the outer axis fixed to the outer wheel and having ends projecting from the link outer end and fixed in the arm elements.

5. The chair defined in claim 4, further comprising respective shield tubes fixed to the main link and coaxially surrounding the shaft ends between the main link and the arm elements.

6. The chair defined in claim 2 wherein the main link is formed by a pair of confronting shells extending between the inner and outer axes and forming a cavity holding the wheels and the connecting means.

7. The chair defined in claim 6 wherein the main link further has a bracket fixed between the inner and outer axes to the shells, the drive means being connected to the bracket.

8. The chair defined in claim 1 wherein the drive means includes an extensible actuator having one end pivoted on the frame and an opposite end operatively engaged with the main link between the axes.

9. The chair defined in claim 8, further comprising a drive link pivoted on the opposite end of the actuator and on the main link between the inner and outer axes.

10. The chair defined in claim 9, further comprising a control arm having an end pivoted on the frame and another arm pivoted at the opposite end of the actuator.

11. The chair defined in claim 1, further comprising a shaft extending along the inner axis, the main link being fixed at its inner end to the shaft; and a pair of axially spaced arms fixed to the frame and rotatably carrying the shaft, the inner wheel being fixed to one of the pair of arms.

12. The chair defined in claim 1, further comprising a footrest cushion; and a releasable coupling securing the cushion to the outer end of the main link.